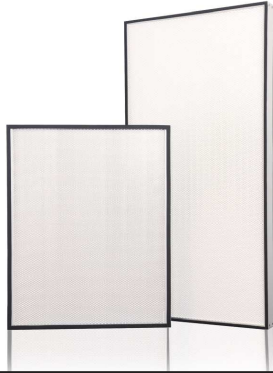


Ultra-Low Penetration Mini-Pleated Air Filter

M-UII



Applications



Cleanroom



Semiconductor



General

Product Features

Operating Conditions

Continuous operating temperature: Max. 80°C
Operating relative humidity: ≤100 (%RH)



Structure/Arrangement

Ultra-slim and compact design



Frame

Material: Anodised aluminium
Thickness: 50mm, 70mm, 90mm, 110mm



Media

Material: Ultrafine fiberglass



Efficiency (EN1822:2009)

U15, U16



Sealant

Material: Polyurethane glue

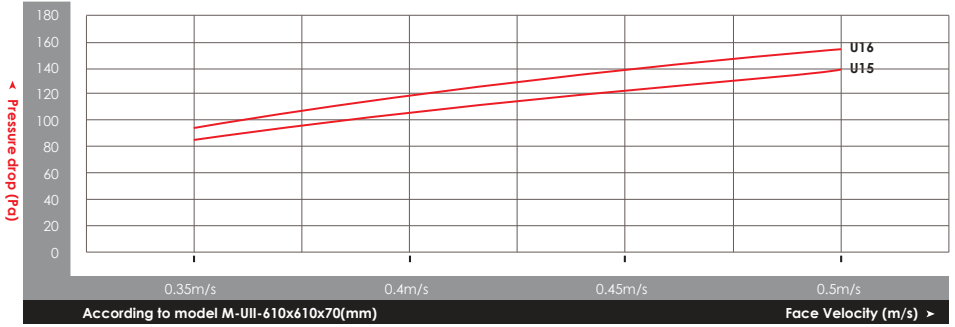


Separator

Material: Hot melt bead



Graph Of Initial Pressure Drop Versus Face Velocity



Product Specifications

Nominal Dimension	Actual Dimension	Thickness	Air Flow	Face Velocity	Initial Pressure Drop	
(foot)	(mm)	(mm)	(m ³ /h)	(m/s)	(Pa)	(Pa)
WxH	WxH				U15	U16
1x2	305x610	50	200	0.35	135	148
2x2	570x570	50	367	0.35	135	148
2.5x2	762x610	50	535	0.35	135	148
3x2	915x610	50	646	0.35	135	148
4x2	1170x570	50	775	0.35	135	148
4x3	1170x870	50	1206	0.35	135	148
4x4	1170x1170	50	1637	0.45	135	148
1x2	305x610	70	258	0.45	125	140
2x2	570x570	70	472	0.45	125	140
2.5x2	762x610	70	687	0.45	125	140
3x2	915x610	70	831	0.45	125	140
4x2	1170x570	70	1000	0.45	125	140
4x3	1170x870	70	1550	0.45	125	140
4x4	1170x1170	70	2100	0.45	125	140
1x2	305x610	90	258	0.45	103	115
2x2	570x570	90	472	0.45	103	115
2.5x2	762x610	90	687	0.45	103	115
3x2	915x610	90	831	0.45	103	115
4x2	1170x570	90	1000	0.45	103	115
4x3	1170x870	90	1550	0.45	103	115
4x4	1170x1170	90	2100	0.45	103	115
1x2	305x610	110	258	0.45	80	94
2x2	570x570	110	472	0.45	80	94
2.5x2	762x610	110	687	0.45	80	94
3x2	915x610	110	831	0.45	80	94
4x2	1170x570	110	1000	0.45	80	94
4x3	1170x870	110	1550	0.45	80	94
4x4	1170x1170	110	2100	0.45	80	94

Remarks: 1. Tolerance of initial pressure drop is ± 10%.
2. Tolerance of dimension is ± 3mm.
3. Other dimensions are available upon request.
4. Efficiency U17 is available upon request.